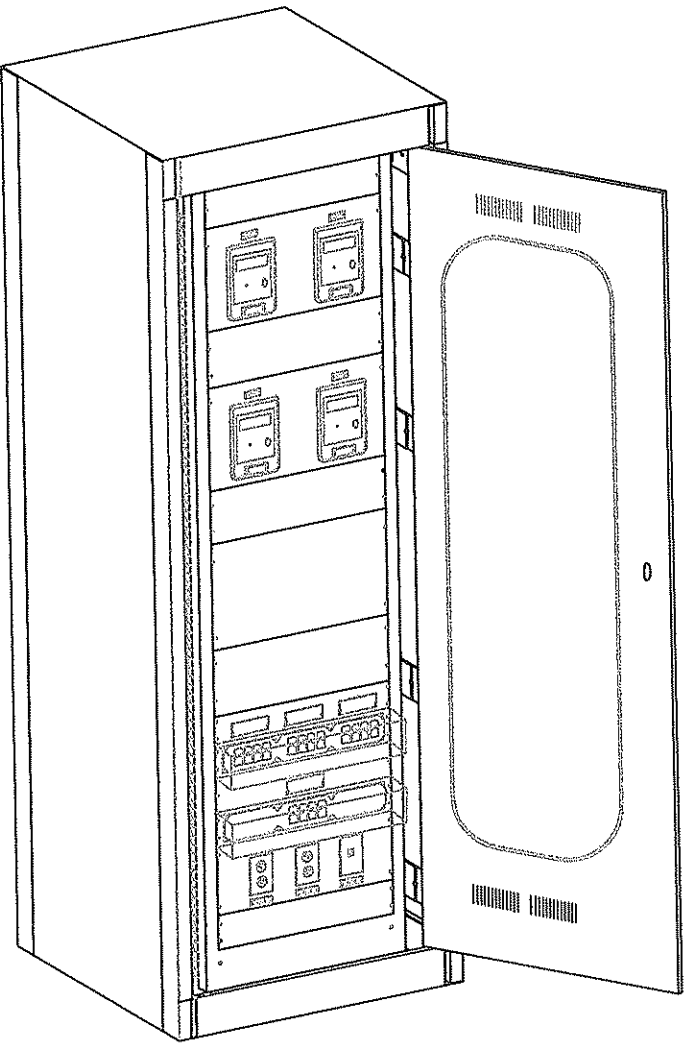


PANEL SPECIFICATIONS :

1. THE PANEL IS MADE OF 2MM THICKNESS STEEL SHEET INCLUDING THE DOORS.
2. PANEL'S BOTTOM COVERED BY THREE PLATES EACH FABRICATED FROM 3MM THICKNESS STEEL SHEET.
3. THE PANEL IS POWDER COATED BY RAL 7038 FROM OUTSIDE AND RAL 9003 FROM INSIDE.
4. THE PANEL IS FABRICATED ACCORDING TO CLAUSE NO. 4.1 OF 31-TMSS-01.

DESCRIPTION

METERING PANEL, FOUR METERS 3P4W 1(6)A WITHOUT CHANGE OVER CONTACTS



NOTES

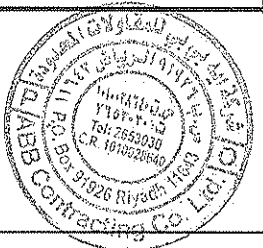
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
2. PANEL IS CONSTRUCTED ACCORDING TO 31-TMSS-01.
3. THE PANEL IS POWDER COATED BY RAL 7038 FROM OUTSIDE AND RAL 9003 FROM INSIDE.

LEGEND

GA : GENERAL ASSEMBLY
LA : LIST OF APPARATUS
M : REVENUE METER

REFERENCE DRAWINGS

DRAWING TITLE	DRAWING NO.
DRAWING CONTROL SHEET	CD-320880



AS-BUILT BY _____ DATE _____

REV. NO.	DATE	BY	DESCRIPTION	CHKD.	CERT.	APPD.
0	12/01	AM	DETAIL DESIGN	AM	AS	

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Saudi Electricity Company

DRAWN BY AM CHECKED BY AS SCALE: NONE
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OPR'D. DEPT. _____ ENG. DEPT. _____

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APPROVAL/CERTIFICATION INFORMATION
DOC NO. E-123456, REV NO. 00

S/S 8162, QA AND LA DRAWING

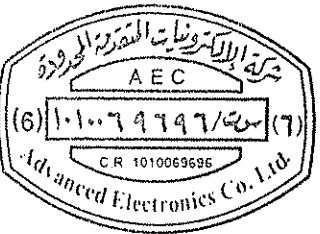
METERING PANEL, 4 M, 3P4W ADDAD

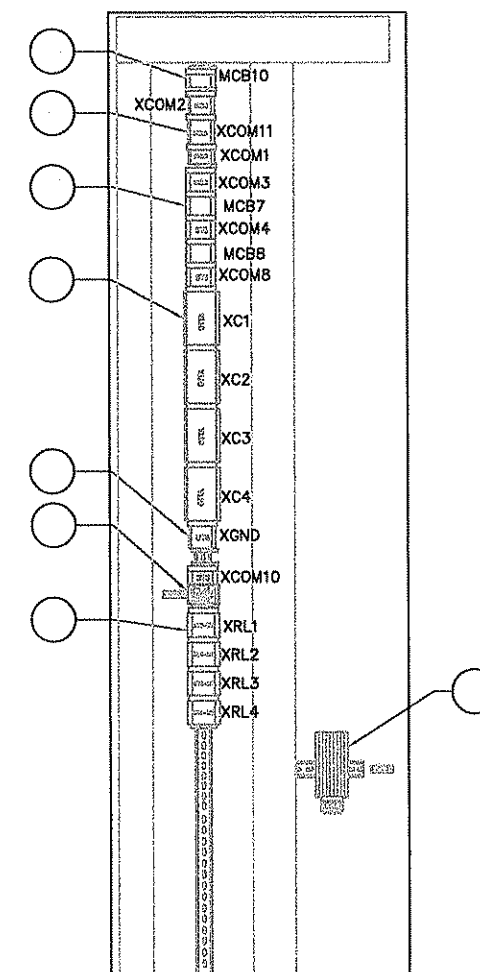
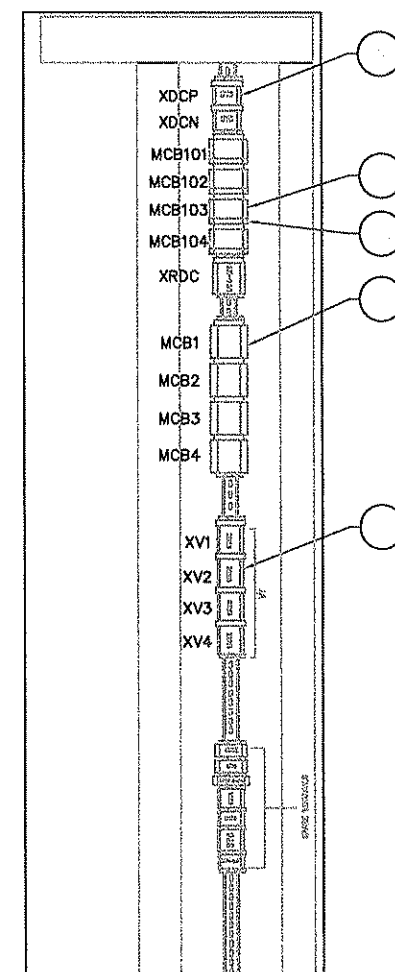
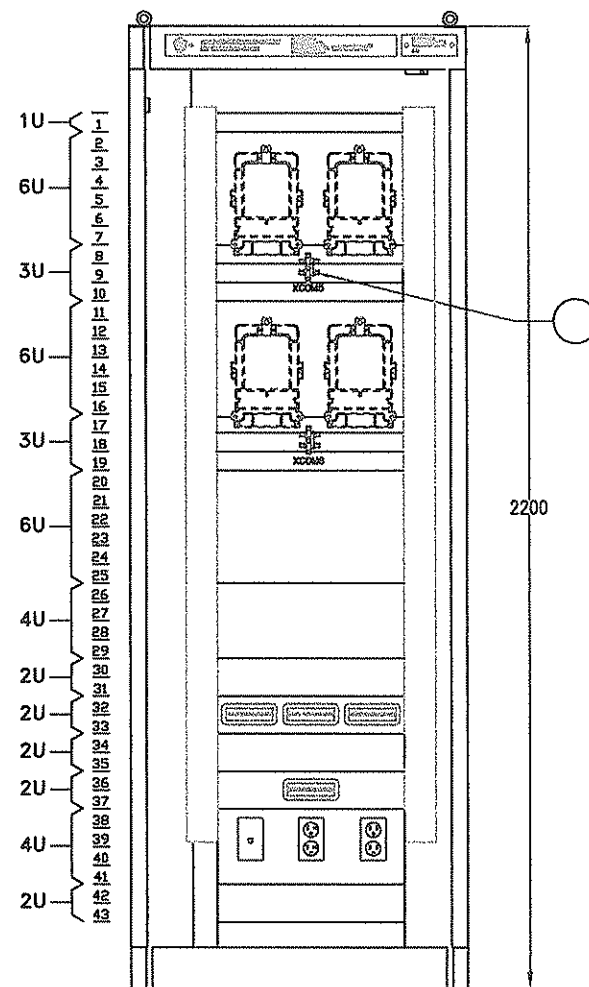
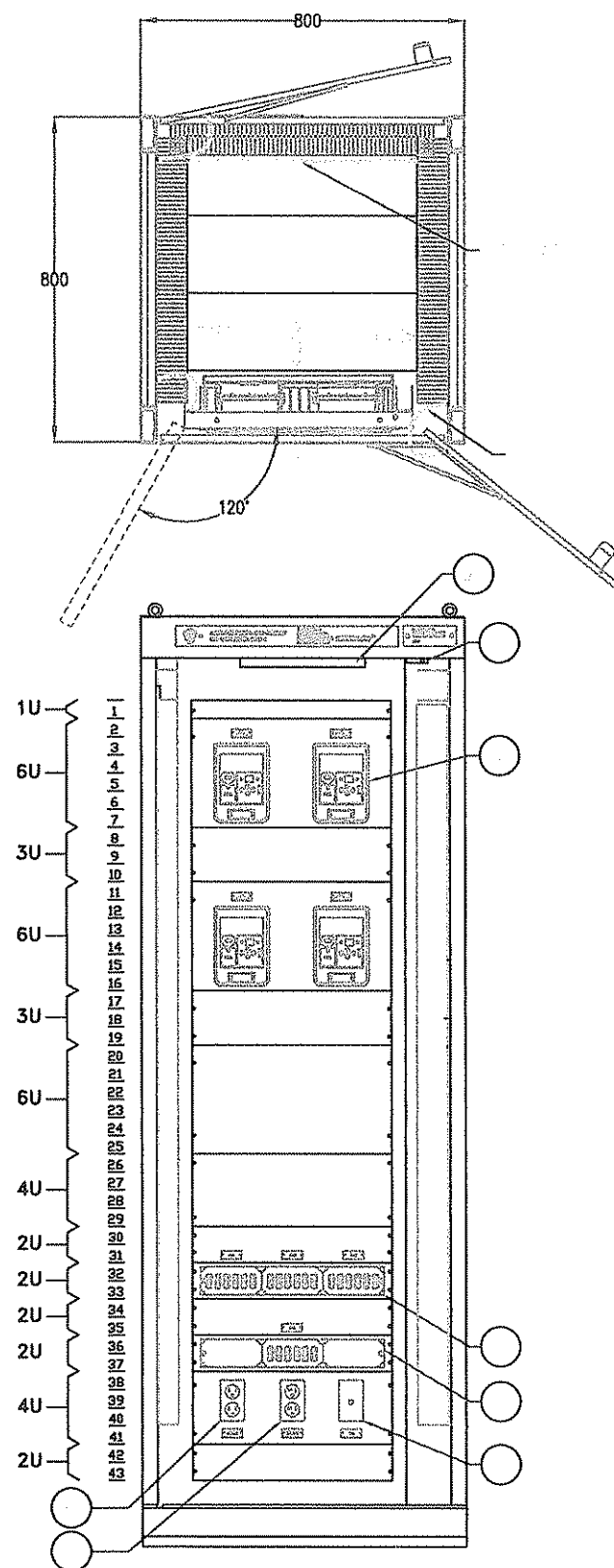
WITHOUT CHANGE OVER CONTACTS

RIYADH SAUDI ARABIA

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV. NO.
1113113/00	A	C469	CD-320884	01 of 04	00

MANUFACTURER NAME	DRAWING NO.	SHEET NO.	REV. NO.
AEC	CD-320884	01 OF 04	00





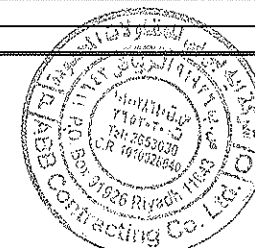
- ### NOTES
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
 2. PANEL IS CONSTRUCTED ACCORDING TO 31-TMSS-01.
 3. LIMIT SWITCH LOCATION IS CHANGEABLE ACCORDING TO PANEL MANUFACTURER STANDARD.
 4. GLASS SHEET THICKNESS: 5MM
 5. GROUND BUS CROSS SECTION: 5MM X 30MM
 6. COPPER BRAID SIZE: 12MM SQ.

LEGEND

GA : GENERAL ASSEMBLY
LA : LIST OF APPARATUS
M : REVENUE METER

REFERENCE DRAWINGS

DRAWING TITLE	DRAWING NO.
DRAWING CONTROL SHEET	CD-320880



AS-BUILT BY _____ DATE _____

[illegible]

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Saudi Electricity Company

DRAWN BY AM CHECKED BY AS SCALE: NONE
DATE STARTED _____ DATE COMPLETED _____
OPR'G. DEPT. _____ ENG. DEPT. _____

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8/S 8162, GA AND LA DRAWING
METERING PANEL, 4 M, 3P4W ADDAD
WITHOUT CHANGE OVER CONTACTS
RYADH SAUDI AR

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV. 1
11131113/00	A	C469	CD-320884	02 OF 04	00

PARTS LIST					
QTY	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	ITEM
4	SE455	900-003524	ADDAD-4 CLO.2S , TOP ASSEMBLY, RS485 1(6)A	AEC, RIYADH	1
1		FR2H014014014N	FT-SWITCH KIT, 3	ABB RIYADH, KIT OF 3 FT-SWITCH, WITH SCREWS, COVER AND MOUNTING PLATE 2U	2
1		FR2H000014000N	FT-SWITCH KIT, 1	ABB RIYADH, KIT OF 1 FT-SWITCH, WITH SCREWS, COVER AND MOUNTING PLATE 2U	3
26		3031487	SPRING -CAGE FEED-THROUGH MODULAR TERMINAL BLOCK, ST6	PHOENIX	4
20		3031212	SPRING -CAGE FEED-THROUGH MODULAR TERMINAL BLOCK, ST2.5	PHOENIX	5
44		3046139	DISCONNECT TYPE SCREW CONNECTION FEED-THROUGH MODULAR TERMINAL BLOCK UT4-MT.	PHOENIX	6
44		0790462	DISCONNECT TYPE TERMINAL BLOCK OTTA 6-T-P/P	PHOENIX	7
5		3044102	SCREW CONNECTION TYPE FEED-THROUGH MODULAR TB UT4	PHOENIX	8
7		3044733	FEED-THROUGH MODULAR TERMINAL BLOCK 4 CONNECTIONS UTTB4-PV	PHOENIX	9
18		0309086	DISCONNECT TYPE TERMINAL BLOCK URTK/S-BEN	PHOENIX	10
4		25007	AC MCB, 3P4P 1A	SCHNEIDER, C60H, C CURVE, THREE PHASE 4 POLE, 1A	11
2		25855	AC MCB, 1P2P 6A	SCHNEIDER, C60H, B CURVE, SINGLE PHASE 2 POLE, 6A	12
1		25640	AC MCB, 1P1P 2A	SCHNEIDER, C60H, C CURVE, SINGLE PHASE 1 POLE, 2A	13
4		MGN61521	DC MCB, 2P 1A	SCHNEIDER, C32H, U CURVE, 2 POLE DC MCB, 1A	14
4		26924	AUXILIARY CONTACT, TYPE "OF"	SCHNEIDER,	15
1		01140.0-00	THERMOSTAT KTO 011, 0-60°C	STEGO, THERMOSTAT KTO 011, 0-60°C NORMALLY CLOSED AND CLIP FOR 35MM DIN RAIL	16
1		06020.0-00	ANTI CONDENSATION HEATER	STEGO, CS 060 SERIES, 150 WATT, 120-240 VAC	17
1		5822-I	DUPLEX RECEPTACLES 220VAC	SANA, RIYADH, 2POLE, 3WIRE, 20A 220V, IVORY.	18
1		3232-I	DUPLEX RECEPTACLES 110VAC	SANA, RIYADH, 2POLE, 3WIRE, 15A 127V, IVORY.	19
1		TPTE1-I	TELEPHONE JACK	SANA, RIYADH, RJ11, TELEPHONE JACK WALL PLATE	20
1		1X20 MODEL 2004 ELECTRONE OR 60620	LAMP 127VAC OR 220VAC	ALRAED, FLUORESCENT LAMP, 20W, 60HZ. 127VAC OR 220VAC PANEL LAMP -230VAC, 50Hz	21
2		Z15G1307 OR AZ7310	LIMIT SWITCH	HIGHLY LIMIT SWITCH 15A 125/220 VAC LIMIT SWITCH WITH 10A 250V AC MAX	22

NOTES

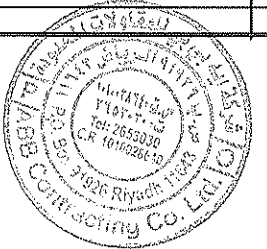
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
2. PANEL IS CONSTRUCTED ACCORDING TO 31-TMSS-01.

LEGEND

GA : GENERAL ASSEMBLY
LA : LIST OF APPARATUS
M : REVENUE METER

REFERENCE DRAWINGS

DRAWING TITLE	DRAWING NO.
DRAWING CONTROL SHEET	CD-320880



AS-BUILT BY _____ DATE _____

0	12/01	AM		DETAIL DESIGN		AM	AS		
REV. NO.	DATE	BY		DESCRIPTION		CHKD.	CERT.	APPD	

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Saudi Electricity Company

DRAWN BY: AM CHECKED BY: AS SCALE: NONE
DATE STARTED: DATE COMPLETED:
OPR'G. DEPT.: ENG. DEPT.:

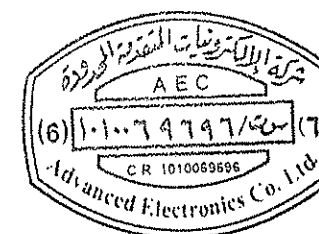
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DOC NO. E-123456 REV NO. 00

S/S 8162, GA AND LA DRAWING
METERING PANEL, 4 M, 3P4W ADDAD
WITHOUT CHANGE OVER CONTACTS

RIYADH SAUDI ARABIA

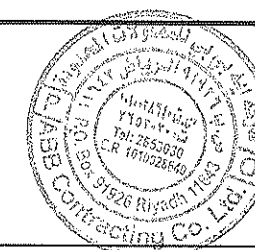
JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV. NO.
11131113/00	A	C469	CD-320884	03 OF 04	00

MANUFACTURER NAME		
AEC		
DRAWING NO.	SHEET NO.	REV NO.
CD-320884	04 OF 04	00



1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
2. PANEL IS CONSTRUCTED ACCORDING TO 31-TMSS-01.
3. NAME PLATES MATERIAL : STAINLESS STEEL

GA : GENERAL ASSEMBLY
LA : LIST OF APPARATUS
M : REVENUE METER

[illegible]

AS-BUILT BY _____ DATE _____

0	12/01	AM	DETAIL DESIGN			AM	AS	
REV. NO.	DATE	BY	DESCRIPTION			CHKD.	CERT.	AP

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OPR'S DEPT: _____ ENG. DEPT: _____

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S/S 8182, GA AND LA DRAWING	
METERING PANEL, 4 M, 3P4W ADDAD	
WITHOUT CHANGE OVER CONTACTS	
RIYADH	SAUDI ARABIA

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV.
11131113/00	A	C469	CD-320884	04 OF 04	00

SEC CAD-A 12004
OMB VECTOR